



# PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION  
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Report No. SAT-00202

Friday March 19, 2004

## POLICY BRANCH INFORMATION

### Satellite Space Applications Accepted for Filing

The applications listed below have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined the application is not in conformance with the Commission's rules or its policies. Petitions, oppositions and other pleadings filed in response to this notice should conform to Section 25.154 of the Commission's rules, unless otherwise noted. 47 C.F.R. § 25.154.

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**SAT-AMD-20040130-00009** E S2372 LOCKHEED MARTIN CORPORATION  
Date Filed: 01/30/2004 11:45:04:27600  
Amendment

Lockheed Martin Corporation (Lockheed Martin) has filed an application to amend its application for authority to launch and operate a geostationary satellite as part of its Regional Positioning System (RPS), a global radio-navigation satellite service (RNSS) network. (See File Nos. SAT-LOA-19990427-00047 and SAT-AMD-20030730-00151). Specifically, Lockheed Martin seeks to modify the requested orbital location from 125° W.L. to 133° W.L., and to reduce the frequency spectrum requirements for both dedicated RNSS services and for telemetry, tracking, and control (TT&C) functions. Lockheed Martin seeks authority to launch and operate an RNSS payload that will be co-located with a C-band fixed-satellite service (FSS) payload for which PanAmSat Corporation (PanAmSat) is separately seeking Commission launch and operating authorization. See Application of PanAmSat Corporation for the Galaxy XV C-band FSS Satellite (See File Nos. SAT-LOA-19991207-00119, SAT-AMD-20021029-00199, SAT-AMD-20030818-00156, and SAT-AMD-20031103-00320).

In its amendment, Lockheed Martin requests a waiver of Section 25.116(b)(1). Under Section 25.116(b)(1) of the Commission's Rules, 47 C.F.R. § 25.116(b)(1), a change in orbital location or frequency bands pursued via an amendment is deemed to be a "major amendment" unless one of the circumstances listed in Section 25.116(c), 47 C.F.R. § 25.116(c), applies. To the extent that Lockheed Martin's RPS application is not "NGSO-like" for purposes of the Commission's Rules, or that the Commission determines that the exceptions to Section 25.116(b) are not available, Lockheed Martin requests contingently a waiver of Section 25.116(b)(1). In addition, Lockheed Martin seeks a one-week waiver of the "substantially complete" requirement, which will allow it to supplement this Amendment next week with the full technical parameters for this payload. Lockheed Martin asserts this waiver is de minimis and will facilitate the satisfaction of Lockheed Martin's and the U.S. Government's obligations under Resolution 609. Finally, Lockheed Martin also respectfully requests that the Commission waive its recently adopted requirement that satellite licensees post a \$5 million performance bond within thirty days of a license grant. See 47 C.F.R. § 25.149.

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**SAT-AMD-20040203-00011** E S2372 Lockheed Martin Corporation  
Date Filed: 02/03/2004 21:32:29:69000  
Amendment

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Lockheed Martin Corporation (Lockheed Martin) has filed an application to amend its application for authority to launch and operate a geostationary satellite as part of its Regional Positioning System (RPS), a global radio-navigation satellite service (RNSS) network. (See File Nos. SAT-LOA-19990427-00047, SAT-AMD-20030730-00151, and SAT-AMD-20040130-00009.) Specifically, Lockheed Martin seeks to modify the requested orbital location from 125° W.L. to 133° W.L., and to reduce the frequency spectrum requirements for both dedicated RNSS services and for telemetry, tracking, and control (TT&C) functions. Lockheed Martin seeks authority to launch and operate an RNSS payload that will be co-located with a C-band fixed-satellite service (FSS) payload for which PanAmSat Corporation (PanAmSat) is separately seeking Commission launch and operating authorization. See Application of PanAmSat Corporation for the Galaxy XV C-band FSS Satellite (See File Nos. SAT-LOA-19991207-00119, SAT-AMD-20021029-00199, SAT-AMD-20030818-00156, and SAT-AMD-20031103-00320).

In this Amendment, Lockheed Martin replaces the January 2004 Amendment, in its entirety, with a substantially complete proposal for the RPS spacecraft to be located in the 133° W.L. orbital slot on the same satellite bus as PanAmSat's proposed Galaxy XV satellite. This Amendment contains a full set of technical and regulatory showings, and is to be considered in conjunction with the portions of the RPS Application, as amended in July 2003, that are not specifically replaced in this Amendment.

Lockheed Martin has requested a waiver of the "major amendment" provision in Section 25.116(b)(1), in order to permit the relocation of the RPS satellite originally slotted for 129° W.L. to 133° W.L. and the alignment of its TT&C spectrum requests with those made by PanAmSat. In addition, Lockheed Martin seeks a waiver the recently adopted requirement that satellite licensees post a \$5 million performance bond within thirty days of a license grant. See 47 C.F.R. § 25.149. Finally, Lockheed Martin asserts the temporary waiver of the substantial completeness requirement of Section 25.114(b) requested in its January 2004 amendment is mooted by this Amendment.

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**SAT-MOD-20040212-00017** E S2118 XM Radio Inc.  
Date Filed: 02/12/2004 18:31:27:50600  
Modification

XM Radio Inc. has filed an application to modify its authorization in order to relocate its current in-orbit Satellite Digital Audio Radio Service (SDARS) space station at the 85° W.L. orbital location (Call Sign S2118) to the 115° W.L. orbital location, where it will be temporarily colocated with XM Radio's in-orbit space station at that location.

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**SAT-RPL-20040212-00018** E S2616 XM Radio Inc.  
Date Filed: 02/12/2004 18:35:35:87300  
Replacement Satellite Application (no new frequency)

XM Radio Inc. has filed an application for authority to launch and operate a replacement Satellite Digital Audio Radio Service (SDARS) space station at the 85° W.L. orbital location. The satellite will operate in the 2332.5-2345 MHz and 7025-7075 MHz frequency bands. XM Radio requests a waiver of section 25.210(j) of the Commission rules to permit an East-West station keeping tolerance of +/- 0.1°.

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**SAT-RPL-20040212-00019** E S2617 XM Radio Inc.  
Date Filed: 02/12/2004 18:38:42:50000  
Replacement Satellite Application (no new frequency)

XM Radio Inc. has filed an application for authority to launch and operate a replacement Satellite Digital Audio Radio Service (SDARS) space station at the 115° W.L. orbital location. The satellite will operate in the 2332.5-2345 MHz and 7025-7075 MHz frequency bands. In addition, XM Radio requests a waiver of section 25.210(j) of the Commission rules to permit an East-West station keeping tolerance of +/- 0.1°.

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**SAT-STA-19990609-00065** P PAS-8 PANAMSAT LICENSEE CORP.  
Date Filed: 06/09/1999 00:00:00:00000  
Special Temporary Authority

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PanAmSat Licensee Corporation filed a request for Special Temporary Authority to relocate the PAS-8 satellite to 43.2 degrees W.L., operating only TT&C frequencies. See also Letter, Counsel, PanAmSat Licensee Corporation to Marlene H. Dortch, Secretary, Federal Communications Commission, dated February 24, 2004.

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**INFORMATIVE**

**SAT-LOA-20031119-00336**      S2603      Pegasus Development Corporation

On March 1, 2004, Pegasus Development Corporation submitted a five million dollar performance bond, payable to the U.S. treasury, in conformance with this condition in its space station license.

For more information concerning this Notice, contact the Satellite Division at 202-418-0719; TTY 202-418-2555.